

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-27 (Canceled).

Claim 28 (Currently amended): A self-cleaning surface comprising:

a substrate; and

a substrate surface having elevations, wherein

a glass transition temperature of the substrate is in a range wherein the substrate softens at temperatures in a range of from 90°C to 900°C,

the elevations consist of particles embedded and anchored in the substrate, without a carrier, adhesive or solvent,

a melting point of the particles embedded and anchored in the substrate is greater than the glass transition temperature of the substrate,

an aspect ratio of the elevations is from 0.3 to 0.9, wherein the aspect ratio is a quotient of ~~the average~~ a maximum height of a structure of the elevations to divided by an average a maximum width of the elevations,

a hysteresis of the self-cleaning surface is less than 10°, where the hysteresis value is the difference between the advancing and receding contact angles of the said coated surface.

Claim 29 (Previously presented): The self-cleaning surface as claimed in claim 28, wherein the elevations have a separation from 20 nm to 100 µm and a height of from 20 nm to 100 µm.

Claim 30 (Previously presented): An article selected from the group consisting of a textile, a film, a three-dimensional article, and a molding, comprising the self-cleaning surface according to claim 28.

Claim 31 (Canceled).

Claim 32 (Currently amended): The article as claimed in claim 30, wherein the article is one selected from the group consisting of a film, a consumer article, a sports item, a ~~textiles~~ textile, clothing, and a molding.

Claim 33 (Previously presented): The self-cleaning surface according to claim 28, wherein the particles embedded and anchored in the substrate have an average diameter in a range from 0.02 to 100 $\mu$ m and penetrate into the substrate from 10 to 90% of the average particle diameter.

Claim 34 (Previously presented): The self-cleaning surface according to claim 28, wherein the particles embedded and anchored in the substrate comprise at least one material selected from the group consisting of a silicate, a mineral, a metal oxide, a metal powder, a silica, a pigment and a high-temperature resistant polymer.

Claim 35 (Previously presented): The self-cleaning surface according to claim 28, wherein the particles embedded and anchored in the substrate are hydrophobic.

Claim 36 (Previously presented): The self-cleaning surface according to claim 35, wherein the hydrophobic particles are at least one selected from the group consisting of a

silica, a polytetrafluoroethylene, a hydrophobized fumed silica and particles hydrophobized with perfluoroalkyl silane.

Claim 37 (Previously presented): The self-cleaning surface according to claim 28, wherein the particles embedded and anchored in the substrate comprise a structured surface having irregular fine structure in a range from 1 to 1000 nm.

Claim 38 (Previously presented): The self-cleaning surface according to claim 37, wherein the embedded particles comprise at least one compound selected from the group consisting of fumed silica, precipitated silica, aluminum oxide, silicon dioxide, fumed silicate, doped silicate and a pulverulent high-temperature resistant polymer.

Claim 39 (Previously presented): The self-cleaning surface according to claim 37, wherein an aspect ratio of the fine structure is greater than 1.

Claim 40 (Previously presented): An article selected from the group consisting of a textile, a film, a three-dimensional article, and a molding, comprising the self-cleaning surface according to claim 37.